

**OFFICIAL MEXICAN STANDARD
NOM-005-SCT2/1994
"EMERGENCY INFORMATION FOR THE
LAND TRANSPORT OF HAZARDOUS
SUBSTANCES, MATERIALS AND WASTES"**

1. PURPOSE

The purpose of this Official Mexican Standard is to set forth the data and to describe the specifications which must be provided in the Emergency Information [sic] for the Land Transport of Hazardous Substances, Materials and Wastes, which data and specifications indicate the steps to be taken in cases of incident or accident (leaks, spills, exposures or fires), which information must be displayed, in a visible and accessible location, by any unit of land transport intended for the carriage of this type of substances.

2. APPLICABILITY

This Official Mexican Standard applies compulsorily to the shippers, carriers and consignees of hazardous substances, materials and wastes.

3. REFERENCES

To correctly implement this Standard, the following Official Mexican Standards must be consulted:

NOM-002-SCT2/1994	LISTING OF THE MOST COMMONLY TRANSPORTED HAZARDOUS SUBSTANCES AND MATERIALS.
NOM-003-SCT2/1994	CHARACTERISTICS OF THE LABELS OF PACKAGES AND PACKAGINGS INTENDED FOR THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.
NOM-004-SCT2/1994	SYSTEM FOR THE IDENTIFICATION OF UNITS INTENDED FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.

NOM-CRP-001/ECOL

WHICH SETS FORTH THE CHARACTERISTICS OF THE HAZARDOUS WASTES, PROVIDES A LISTING OF SAID HAZARDOUS WASTES, AND ESTABLISHES THE LIMITS AT WHICH A WASTE BECOMES HAZARDOUS BY VIRTUE OF ITS ENVIRONMENTAL TOXICITY.

4. SPECIFICATIONS

The Emergency Information for the Land Transport of Hazardous Substances, Materials and Wastes must cover the items specified in section 4.1 or those indicated in section 4.2.

- 4.1 The emergency information must contain the data which are specified in the form provided as Annex No. 1 to this Standard, which are the following:
- 1) Corporate name/address: Please note the corporate name and address of the company, manufacturer, importer, distributor of the product transported[;] in the case of a waste, the name of its generator.
 - 2) Emergency telephone numbers and fax number of shipper: Please note the company telephone number to be called by the driver, the authorities or any other person for the purpose of notifying said company in case of emergency.
 - 3) Name of product: Please note the chemical and commercial name of the product or waste transported in accordance with Official Mexican Standards NOM-002-SCT2 or NOM-CRP-001/ECOL.
 - 4) Classification: Please note the number of the risk class or division for the hazardous substance or waste as indicated in Standard NOM-002-SCT2.
 - 5) Material number: Please note the number assigned by the United Nations Organization as indicated in Standard NOM-002-SCT2.
 - 6) Carrier company: Please note the name of the owner of the [unit of] transport or the corporate name of the carrier company.
 - 7) Emergency telephones: Please note the telephone number and fax of the carrier company for cases of emergency.

- 8) Physical state: Please indicate if the substance or waste transported is liquid, solid or gaseous.
- 9) Physico-chemical properties: Please describe briefly and specifically the following characteristics of the material (color, odor, density, viscosity, Ph, flammability limits and TLV) which permit its identification.
- 10) Immediately notify the National Emergency System at the following telephone numbers:----- and those specific local authorities for hazardous materials, which are closest to the accident location (Federal Highway Police, Fire Department, Red Cross, etc.).

CECOM: 705 1169; 705 3148; and 91 800 70226

SETIQ: 559 1588; 91 80 000214

- 11) Personal protection outfit and means: Please note the personal protection outfit to be worn, specifically for the material transported, by the driver of the vehicle carrying hazardous materials or wastes, and the means which will enable him to take the first protective steps, such as: safety eyeglasses, rubber gloves, leather gloves, rubber apron, rubber boots, dust mask, gas mask, pail, brush, sand, etc; or any other type of outfit or material necessary for accident prevention. As well as those entities who provide an aid in case of emergency.
- 12) Risks: Please indicate any risks, as set forth in items 14 through 22, that may arise in case of an accident during transport.
- 13) Steps: This refers to all steps that must be immediately taken, such as parking the vehicle in the safest possible location, placing warning signs to avoid involving other drivers in accidents[;] this also refers to the steps indicated in items 15, 17, 19, 21 and 23 for dealing with the risks indicated in items 14, 16, 18, 20 and 22 of the above-cited "Emergency Sheet".
- 14) Intoxication/Exposure: This refers to the injuries or lesions that may be suffered by the person who ingests, takes or inhales the Hazardous Substances or Wastes, emphasizing which steps must not be taken for safety reasons.
- 15) Please note the steps to be taken to protect personnel from injury or lesion caused by exposure, inhalation, contact or ingestion of the hazardous substances, materials or wastes, emphasizing what not to do for safety reasons.

- 16) Contamination: This refers to the environmental degradation caused by the accidental spilling of the hazardous substances, materials or wastes.
- 17) Please note the steps to be taken to minimize injuries to the population and damages to the environment, and indicate the area of insulation of [sic] evacuation surrounding the accident.
- 18) Medical information. Please indicate the first care measures in case of intoxication and exposure, not contained in any other section of said Emergency Information Sheet. Likewise, indicate in your case the specific antidotes in this respect.
- 19) This refers to the doctor's indications regarding antidotes or special measures to be applied in case of personnel intoxications due to exposure (by inhalation, contact or ingestion) to the hazardous substances, materials or wastes. As well as the data pertaining to several possible complications or warnings to the hospital medical personnel.
- 20) Leaks and spills: This refers to the accidental freeing of the hazardous substances, materials or wastes in any state -- whether solid, liquid or gaseous, indicating the evacuation isolation area.
- 21) Please note the steps to be taken to minimize the effects of said leaks, emphasizing what not to do for safety reasons.
- 22) Fire/Explosion: This refers to the risk or reaction that may occur when the substance or material ignites or is exposed to fire, emphasizing what not to do for safety reasons, indicating the evacuation isolation area.
- 23) Please note the steps to be taken to prevent the hazardous substance, material or waste to come into contact with the fire or heat sources, as well as the outside materials which may be used to fight fire, in case it has ignited, emphasizing what not to do for safety reasons.
- 24) At the end of the form, you must fill in the name and signature of the person responsible for the information, said person's position within the company, and telephone numbers.
- 25) It is required that the Emergency Information for the Land Transport of Hazardous Substances, Materials and Wastes be [filled out] in its entirety so that it may be used in case it is necessary. Its proper filling out is the responsibility of the company which owns the material transported.

4.2 The Emergency Response Guide, prepared by the Secretariat of Communications and Transport, must contain the following:

- 1) Table of Placards and Initial Response Guides to be used in the Emergency.
- 2) Identification of the hazardous substances, materials and wastes by:
 - A) A numerical index, as suggested by the United Nations Organization, indicating the guide number and the name of the substance, material or waste respectively.
 - B) An alphabetical index, indicating the guide number and the number assigned by the United Nations Organization for the hazardous substance or material.
- 3) Response Guides in case of Emergencies caused by the Hazardous Substances, Materials or Wastes, which guides describe the following:
 - A) The potential risks of fire or explosion and health hazards;
 - B) The emergency steps to be taken in case of fire, spill or leak as well as the first aids.
- 4) Table of Distances for the Protective, Insulation and Evacuation Measures.

NATIONAL LAND
TRANSPORT STANDARDIZATION.

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ANNEX 1

EMERGENCY INFORMATION FOR THE LAND TRANSPORT OF HAZARDOUS SUBSTANCES, MATERIALS

AND WASTES

1 CORPORATE NAME AND ADDRESS OF COMPANY		3 NAME OF PRODUCT OR RESIDUE - COMMERCIAL: - CHEMICAL:		6 CARRIER COMPANY	
* MANUFACTURER * IMPORTER * USER *DISTRIBUTOR * GENERATOR		4 CLASSIFICATION		7 EMERGENCY TELEPHONES AND FAX	
2 EMERGENCY TELEPHONES AND FAX OF SHIPPER		5 U.N. MATERIAL NUMBER			
8 PHYSICAL STATE		10		NOTIFY THE NATIONAL EMERGENCY SYSTEM AND THE SPECIFIC LOCAL AUTHORITIES FOR HAZARDOUS MATERIALS: FEDERAL HIGHWAY AND PORT POLICE, FIRE DEPARTMENT, RED CROSS, ETC.	
11 PERSONAL PROTECTION OUTFIT AND MEANS					
IN CASE OF ACCIDENT: *STOP THE ENGINE *PLACE SIGNS IN DANGER AREA *REMOVE ANY UNNECESSARY PERSON FROM DANGER AREA					
12 RISKS ! IF THIS HAPPENS		13 STEPS ! DO THIS			
14 INTOXICATION/EXPOSURE		15			
16 CONTAMINATION		17			
18 MEDICAL INFORMATION		19			
20 SPILLS/LEAKS		21			
22 FIRE/EXPLOSION		23			
24 NAME		SIGNATURE POSITION TELEPHONE			
25 THIS SHEET MUST BE IN AN ACCESSIBLE LOCATION SO THAT IT MAY BE USED IN CASE OF EMERGENCY, AND IT MUST BE FILLED OUT IN FULL.					

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